

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	((print\$4 adj job and modif\$9 and raster\$9 and fewer and variable and object and destinat\$6 and ink and reduc\$5 and function and includ\$5 and character and stencil and black and white and original\$5)).clm.	US-PGPUB; USPAT	OR	ON	2010/05/24 12:45
S1	5945	((modification or modifying or alter\$6 or edit\$4) near6 (job or print \$4 adj job or file or document)) same ((variable or attribute or charact\$7))	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:24
S2	8	((modification or modifying or alter\$6 or edit\$4) near6 (job or print \$4 adj job or file or document)) same ((variable or attribute or charact\$7)) same ((ink)) same ((black or white))	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:27
S3	13	((modification or modifying or alter\$6 or edit\$4) near6 (job or print \$4 adj job or file or document)) same ((variable or attribute or charact\$7)) same ((ink)) same ((black or white))	US-PGPUB; USPAT	OR	ON	2007/11/08 14:28
S4	6	((modification or modifying or alter\$6 or edit\$4) near6 (job or print \$4 adj job or file or document)) same ((variable or attribute or charact\$7)) same ((ink)) same ((black or white)) same ((printer))	US-PGPUB; USPAT	OR	ON	2007/11/08 14:33
S5	1	("6384936").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:35

S6	1	S5 and (ink or white or black or modification or modifying or variable or attribute or charact\$7)	US-PGPUB; USPAT	OR	ON	2007/11/08 14:37
S7	1	("6313847").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:41
S8	1	S7 and (ink or color)	US-PGPUB; USPAT	OR	ON	2007/11/08 14:41
S9	1	S7 and (ink or balck or white)	US-PGPUB; USPAT	OR	ON	2007/11/08 14:42
S10	1	("6257693").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:47
S11	1	("6020897").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:48
S12	1	("6049339").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:50
S13	1	("6466210").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:51
S14	1	("6665094").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:53
S15	1	("6741368").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:56
S16	1	("20040051904").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:57
S17	1	("20040036921").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 15:28
S18	1	("20020003633").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/08 14:57
S19	1	("20020131065").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 07:42
S20	1	("20020003633").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 07:00
S21	1	S20 and (variable\$4 or black or white or PDI or PCL or ink)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:12
S22	1	S20 and (fewer or less or minimum or limit\$4 or les \$6)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:03
S23	1	S20 and (fewer or less or minimum or limit\$4 or les \$6 or variable)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:04
S24	0	S20 and (job or print\$4 adj job or file or document)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:05

S25	1	S20 and (job or print\$4 adj job or file or document or data or image)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:05
S26	1	S20 and (modifying or modification or modif\$8 or edit\$4 or alter\$6 or optim\$8 or correct\$5)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:12
S27	1	S20 and (modifying or modification or modif\$8 or edit\$4 or alter\$6 or optim\$8 or correct\$5 or alteration or variance or chang\$4 or deviation or diver\$5)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:10
S28	1	S20 and (raster or raster \$5)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:11
S29	1	("6313847").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 07:11
S30	1	S29 and (variable\$4 or black or white or PDI or PCL or ink)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:12
S31	0	S29 and (modifying or modification or modif\$8 or edit\$4 or alter\$6 or optim\$8 or correct\$5)	US-PGPUB; USPAT	OR	ON	2007/11/09 07:12
S32	1	("20040085559").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 07:44
S33	1	("20040095613").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 07:44
S34	1	("20040100658").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 07:47
S35	1	("20040105106").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 07:56
S36	1	("6049339").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 07:59
S37	1	S36 and (reclaim\$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 08:49
S38	1	("6257693").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 08:49
S39	1	S38 and (modify or modifying or modification)	US-PGPUB; USPAT	OR	ON	2007/11/09 08:51
S40	1	S38 and (modify or modifying or modification or characteristics or filter or remov\$5 or raster\$7 or PDL or PCL)	US-PGPUB; USPAT	OR	ON	2007/11/09 08:53

S41	1	S38 and (modify or modifying or modification or characteristics or filter or remov\$5 or raster\$7 or PDL or PCL or "92")	US-PGPUB; USPAT	OR	ON	2007/11/09 09:58
S42	0	S38 and (blak and white)	US-PGPUB; USPAT	OR	ON	2007/11/09 09:03
S43	206576	S38 and (blak and white) or (ink)	US-PGPUB; USPAT	OR	ON	2007/11/09 09:04
S44	1	S38 and (ink)	US-PGPUB; USPAT	OR	ON	2007/11/09 09:06
S45	1	S38 and (ink or black)	US-PGPUB; USPAT	OR	ON	2007/11/09 09:06
S46	1	S38 and (ink or black or white)	US-PGPUB; USPAT	OR	ON	2007/11/09 09:13
S47	1	S38 and (character or image or stencil)	US-PGPUB; USPAT	OR	ON	2007/11/09 09:19
S48	1	S38 and (area or region or part or corner)	US-PGPUB; USPAT	OR	ON	2007/11/09 09:21
S49	1	S38 and (area or region or part or corner or print \$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 10:50
S50	1	("5547178").PNL	US-PGPUB; USPAT	OR	OFF	2007/11/09 09:28
S51	1	S38 and (modify or modifying or modification or characteristics or filter or remov\$5 or raster\$7 or PDL or PCL or "92" same black or white)	US-PGPUB; USPAT	OR	ON	2007/11/09 10:50
S52	1	S38 and (modify or modifying or modification or characteristics or filter or remov\$5 or raster\$7 or PDL or PCL or "92" same black or white or ink)	US-PGPUB; USPAT	OR	ON	2007/11/09 10:00
S53	1	S38 and (modify or modifying or modification or characteristics or filter or remov\$5 or raster\$7 or PDL or PCL or "92" same black or white or print\$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 11:38
S54	1	S38 and (printed)	US-PGPUB; USPAT	OR	ON	2007/11/09 11:17
S55	0	S38 and (!flag\$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 11:21
S56	1	S32 and (!flag\$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 11:23

S57	1	S20 and (flag\$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 11:32
S58	1	S38 and display\$4	US-PGPUB; USPAT	OR	ON	2007/11/09 11:34
S59	1	S38 and (display\$4 same print\$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 11:34
S60	0	S38 and (modify or modifying or modification) same (respons\$4)	US-PGPUB; USPAT	OR	ON	2007/11/09 11:39
S61	1	S38 and (modify or modifying or modification)	US-PGPUB; USPAT	OR	ON	2007/11/09 11:39
S62	1	("6257693").PNL	US-PGPUB; USPAT	OR	OFF	2008/09/08 13:15
S63	1	("6257693").PNL	US-PGPUB; USPAT	OR	OFF	2009/01/21 08:59
S64	1	S63 and (raster\$7 or PDL or variable)	US-PGPUB; USPAT	OR	ON	2009/01/21 09:28
S65	1	S63 and (remov\$5 or few \$4 or extract\$5)	US-PGPUB; USPAT	OR	ON	2009/01/21 09:32
S66	1	("6257693").PNL	US-PGPUB; USPAT	OR	OFF	2009/01/21 12:51
S67	1	S66 and (process\$4 or modification or modify\$7 or funct\$5 or operat\$5)	US-PGPUB; USPAT	OR	ON	2009/01/21 12:53
S68	1	S66 and (process\$4 or modification or modify\$7 or funct\$5 or operat\$5 or minimu\$5)	US-PGPUB; USPAT	OR	ON	2009/01/21 12:55
S69	1	S66 and (process\$4 or modification or modify\$7 or funct\$5 or operat\$5 or minimu\$5 or optim\$8 or resolut\$5)	US-PGPUB; USPAT	OR	ON	2009/01/21 13:02
S70	114	((minimizing or minimiz\$3 or reduc\$4) same (raster \$4 or PDL)) same ((operat \$4)) same ((variable))	US-PGPUB; USPAT	OR	ON	2009/01/21 13:08
S71	12	((minimizing or minimiz\$3 or reduc\$4) near6 (operat \$4)) same ((variable)) same ((raster\$4 or PDL))	US-PGPUB; USPAT	OR	ON	2009/01/21 13:09
S72	200	((minimizing or minimiz\$3 or reduc\$4) near6 (operat \$4)) same ((raster\$4 or PDL)) same ((job or file or image or document))	US-PGPUB; USPAT	OR	ON	2009/01/21 13:14

S73	19	((minimiz\$3 or reduc\$4) near6 (operat\$4)) same ((raster\$4 or FDL)) same ((job ))	US-PGPUB; USPAT	OR	ON	2009/01/21 13:14
S74	5	S73 and (black and white and ink)	US-PGPUB; USPAT	OR	ON	2009/01/21 13:22
S75	98323	((optimiz\$5 same raster \$7 operat\$5)).ti.	US-PGPUB; USPAT	OR	ON	2009/01/21 13:47
S76	2	((optimiz\$5 same raster \$7 same operat\$5)).ti.	US-PGPUB; USPAT	OR	ON	2009/01/21 13:48
S77	20	((optimiz\$5 same raster \$7 same operat\$5)).ab.	US-PGPUB; USPAT	OR	ON	2009/01/21 13:52
S78	1	((optimiz\$5 same raster \$7 same operat\$5 same job)).ab.	US-PGPUB; USPAT	OR	ON	2009/01/21 13:52
S79	8	((optimiz\$5 same raster \$7 same operat\$5 same image)).ab.	US-PGPUB; USPAT	OR	ON	2009/01/21 13:52
S80	1	("6257693").PNL	US-PGPUB; USPAT	OR	OFF	2009/01/21 14:14
S81	1	S80 and (ink and black and white and optim\$6)	US-PGPUB; USPAT	OR	ON	2009/01/21 14:15
S82	1	S80 and (ink and black and white and optim\$6 or depen\$6)	US-PGPUB; USPAT	OR	ON	2009/01/21 14:20
S83	1	S80 and (ink and black and white and optim\$6 or depen\$6 or minim\$5 or reduc\$5)	US-PGPUB; USPAT	OR	ON	2009/01/21 14:29
S84	1	S80 and (ink and black and white and optim\$6 or depen\$6 or minim\$5 or reduc\$5 or halfton\$4)	US-PGPUB; USPAT	OR	ON	2009/01/21 14:36
S85	1	S80 and variable	US-PGPUB; USPAT	OR	ON	2009/01/21 14:43
S86	1	S84 and S85	US-PGPUB; USPAT	OR	ON	2009/01/21 14:45
S87	1	S86 and ("80" and "84" and "96")	US-PGPUB; USPAT	OR	ON	2009/01/21 14:49
S88	1	S80 and (speed or fast)	US-PGPUB; USPAT	OR	ON	2009/01/21 14:52
S89	1	S87 and S88	US-PGPUB; USPAT	OR	ON	2009/01/21 15:20
S90	1	("6257693").PNL	US-PGPUB; USPAT	OR	OFF	2009/01/22 08:55
S91	1	S90 and (halfton\$4 and black and white)	US-PGPUB; USPAT	OR	ON	2009/01/22 08:55

S92	1	S90 and (white)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:03
S93	1	S90 and (half-ton\$4 and black and white and ink)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:25
S94	1	S90 and (black and white)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:28
S95	0	S90 and (stencil)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:32
S96	1	S90 and (format\$4 or image or character)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:33
S97	1	S90 and (page or sheet or paper or media or medium)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:42
S98	1	S90 and (page or sheet or paper or media or medium) same (area or region or part)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:43
S99	0	S90 and (page or sheet or paper or media or medium) same (area or region or part) same (unalter\$4 or unchang\$4)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:44
S100	1	S90 and (page or sheet or paper or media or medium) same (area or region or part)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:45
S101	1	S90 and (format\$4 or image or character) same (sheet or page or paper or media or medium)	US-PGPUB; USPAT	OR	ON	2009/01/22 09:53
S102	1	("6257963").FN.	US-PGPUB; USPAT	OR	OFF	2009/04/16 07:19
S103	1	S102 and (ink or destination or object)	US-PGPUB; USPAT	OR	ON	2009/04/16 07:20
S104	1	("6257963").FN.	US-PGPUB; USPAT	OR	OFF	2009/04/16 07:24
S105	1	S104 and (extract\$4 or optimiz\$7 or characteris \$6 or parameter)	US-PGPUB; USPAT	OR	ON	2009/04/16 07:33
S106	1	S104 and less\$3	US-PGPUB; USPAT	OR	ON	2009/04/16 07:36
S107	1	S104 and (ink or object or hardcopy or paper or sheet)	US-PGPUB; USPAT	OR	ON	2009/04/16 07:38
S108	1	S104 and (ink or object or hardcopy or paper or sheet or characteristics)	US-PGPUB; USPAT	OR	ON	2009/04/16 07:40

S109	1	S104 and (blak or color) adj (text)	US-PGPUB; USPAT	OR	ON	2009/04/16 07:43
S110	1	S104 and (material and printed and parameter)	US-PGPUB; USPAT	OR	ON	2009/04/16 07:46
S111	1	S104 and (material and printed and parameter and medium and paper)	US-PGPUB; USPAT	OR	ON	2009/04/16 07:47
S112	0	((variable)) same ((less or fewer)) same ((destination)) same ((color and ink)).ti.	US-PGPUB; USPAT	OR	ON	2009/04/16 07:57
S113	0	((variable)) same ((less or fewer)) same ((destination)) same ((color and ink)).ab.	US-PGPUB; USPAT	OR	ON	2009/04/16 07:57
S114	0	((variable)) same ((less or fewer)) same ((destination)) same ((color)).ab.	US-PGPUB; USPAT	OR	ON	2009/04/16 07:58
S115	6	((variable)) same ((less or fewer)) same ((color and ink)).ab.	US-PGPUB; USPAT	OR	ON	2009/04/16 07:58
S116	0	((variable)) same ((less or fewer)) same ((color and ink)).ti.	US-PGPUB; USPAT	OR	ON	2009/04/16 07:58
S117	1	("6257693").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/03 06:59
S118	1	("6257693").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/13 09:15
S119	1	S118 and (ink or varible)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:17
S120	1	S118 and (white and black)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:18
S121	1542	S118 and (white and black) or (CMYK and pen)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:19
S122	1542	S120 and (white and black) or (CMYK and pen)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:19
S123	1	S118 and ((white and black) or (pen or CMYK))	US-PGPUB; USPAT	OR	ON	2009/10/13 09:20
S124	1	S118 and (pixel) and (sheet or page or paper or media or medium) and (image or jpeg or stencil or character)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:39



S125	1	S118 and (pixel) and (sheet or page or paper or media or medium) and (image or jpeg or stencil or character or halftone or pixels or thickening)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:43
S126	1	S118 and (pixel) and (sheet or page or paper or media or medium) and (image or jpeg or stencil or character or halftone or pixels or thickening or rectangle)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:44
S127	1	S118 and (pixel) and (sheet or paper or media or medium) and (image or jpeg or stencil or character or halftone or pixels or thickening or rectangle)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:44
S128	1	S127 and (white or black or ink)	US-PGPUB; USPAT	OR	ON	2009/10/13 09:45
S129	1	S118 and (job or file or document)	US-PGPUB; USPAT	OR	ON	2009/10/13 10:13
S130	1	("6257693").PNL	US-PGPUB; USPAT	OR	OFF	2009/11/05 08:37
S131	1	("20050213143").PNL	US-PGPUB; USPAT	OR	OFF	2010/05/21 09:36
S132	1	S131 and (variable)	US-PGPUB; USPAT	OR	OFF	2010/05/21 09:38
S133	1	S131 and (variable)	US-PGPUB; USPAT	OR	ON	2010/05/21 09:38
S134	0	S131 and (embodiment)	US-PGPUB; USPAT	OR	ON	2010/05/21 09:49
S135	1	S131 and (embodiment)	US-PGPUB; USPAT	OR	ON	2010/05/21 09:49
S136	1	S131 and (variable same depend on same reduction)	US-PGPUB; USPAT	OR	ON	2010/05/21 09:52
S137	1	S131 and (variable same destination)	US-PGPUB; USPAT	OR	ON	2010/05/21 10:00
S138	1	S131 and (variable same destination or object)	US-PGPUB; USPAT	OR	ON	2010/05/21 10:01
S139	1	S131 and (variable same destination or object or single or zero)	US-PGPUB; USPAT	OR	ON	2010/05/21 10:02
S140	20	((("S139 same variable")).ti.	US-PGPUB; USPAT	OR	ON	2010/05/21 10:03

S141	2	((raster\$9 same variable same print\$4)).ti.	US-PGPUB; USPAT	OR	ON	2010/05/21 10:06
S142	47	((raster\$9 same variable same print\$4)).ab.	US-PGPUB; USPAT	OR	ON	2010/05/21 10:07
S143	47	S142 and ((raster\$9 same variable same print\$4))	US-PGPUB; USPAT	OR	ON	2010/05/21 10:07
S144	3	S143 and (reduc\$7 or few \$3 or less\$4) adj (variable)	US-PGPUB; USPAT	OR	ON	2010/05/21 10:08
S145	1	("20050213117").FN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 10:10
S146	1	("20050213114").FN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 10:11
S147	1	("20050213119").FN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 10:12
S148	1	("20050213142").FN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 10:12
S149	1	("20050213145").FN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 10:18
S150	1	("20080024810").FN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 10:18
S151	1	("5638498").FN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 10:19
S152	1	S151 and print\$4	US-PGPUB; USPAT	OR	ON	2010/05/21 10:20
S153	1	S151 and (print\$4 or variable)	US-PGPUB; USPAT	OR	ON	2010/05/21 10:21
S154	0	S151 and (variable)	US-PGPUB; USPAT	OR	ON	2010/05/21 10:21
S155	1	("6466229").FN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 10:21
S156	1	S155 and (print\$4 or variable)	US-PGPUB; USPAT	OR	ON	2010/05/21 10:21
S157	1	("6257693").FN.	US-PGPUB; USPAT	OR	OFF	2010/05/21 10:23

5/ 24/ 10 12:47:04 PM

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